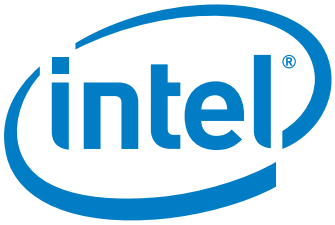
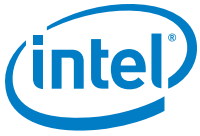


Intel® Omni-Path Fabric Externally-Managed Switches

Version 10.0.1.2.1 Release Notes

May 2016

Order No.: J30817-1.0



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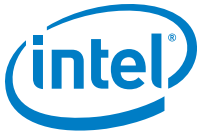


1.0 Overview of the Release

1.1 Introduction

These Release Notes provide a brief overview of the changes introduced into the Intel® Omni-Path Fabric Externally-Managed Switches. References to more detailed information are provided where necessary. The information contained in this document is intended for supplemental use only; it should be used in conjunction with the documentation provided for each component.

These Release Notes list the new features, system issues closed since the previous release, as well as any known issues.

1.2 Audience

The information provided in this document is intended for installers, software support engineers, hardware engineers, and service personnel.

1.3 If You Need Help

If you need assistance while working with the Intel® Omni-Path Fabric Externally-Managed Switches, contact your Intel representative.

1.4 Supported in this Release

The following items are supported for this release:

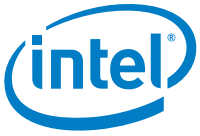
- Externally-managed 48-port Intel® Omni-Path Edge Switch 100

1.5 Product Constraints

- None

1.6 Installation Requirements

- The Intel® Omni-Path Fabric Suite FastFabric toolset needs to be installed to manage the externally-managed edge switch.



1.6.1 Changes to Firmware Components

The following firmware is supported in this release:

- Externally-managed edge: `Intel_PRREdge_V1_firmware.10.0.1.2.1.emfw`

1.7 Miscellaneous

- None

1.8 Documentation

Table 1-1 lists the end-user documentation for the current release.

Documents are available at the following URLs:

- Intel® Omni-Path Switches Installation, User, and Reference Guides
  http://www.intel.com/SUPPORT/NETWORK/OMNI-SWTCH100/SB/CS-035856.HTM
- Intel® Omni-Path Host Fabric Interface Installation, User, and Reference Guides (includes software documents)
  http://www.intel.com/support/network/omni-adptr/sb/CS-035857.htm
- Drivers and Software (including Release Notes)
  https://downloadcenter.intel.com/

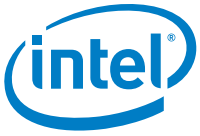
Documentation for Intel Partners is available at the vendor's web site.

Table 1-1. Related Documentation for this Release (Sheet 1 of 2)

Document Title
Hardware Documents
Intel® Omni-Path Fabric Switches Hardware Installation Guide
Intel® Omni-Path Fabric Switches GUI User Guide
Intel® Omni-Path Fabric Switches Command Line Interface Reference Guide
Intel® Omni-Path Edge Switch Platform Configuration Reference Guide
Intel® Omni-Path Fabric Managed Switches Release Notes
Intel® Omni-Path Fabric Externally-Managed Switches Release Notes
Intel® Omni-Path Host Fabric Interface Installation Guide
Fabric Software Documents
Intel® Omni-Path Fabric Software Installation Guide
Intel® Omni-Path Fabric Suite Fabric Manager User Guide
Intel® Omni-Path Fabric Suite FastFabric User Guide
Intel® Omni-Path Fabric Host Software User Guide
Intel® Omni-Path Fabric Suite Fabric Manager GUI Online Help
Intel® Omni-Path Fabric Suite Fabric Manager GUI User Guide
Intel® Omni-Path Fabric Suite FastFabric Command Line Interface Reference Guide
Intel® Performance Scaled Messaging 2 (PSM2) Programmer's Guide
Intel® Omni-Path Fabric Performance Tuning User Guide
Intel® Omni-Path Host Fabric Interface Platform Configuration Reference Guide
Intel® Omni-Path Fabric Software Release Notes

Table 1-1. Related Documentation for this Release (Sheet 2 of 2)

Document Title
Intel® Omni-Path Fabric Manager GUI Release Notes
Intel® Omni-Path Storage Router Design Guide
Building Lustre Servers with Intel® Omni-Path Architecture Application Note*



2.0 System Issues

This section lists the resolved and known issues for the Intel® Omni-Path Fabric Externally-Managed Switches.

2.1 Resolved Issues

Table 2-1 lists the resolved issues for this release.

Table 2-1. Resolved Issues

ID	Description	Resolved in Release
133550	Multiple inter-switch links (ISL) from a single edge switch go down simultaneously.	10.0.1.2.1

2.2 Open Issues

Table 2-2 lists the known open issues for this release by component, including the description and workaround.

Table 2-2. Open Issues

ID/ Status	Product/ Component	Description	Workaround
133572	Switch Software/ ESM	The embedded subnet manager has a known stability issue.	Intel recommends to use the host-based subnet manager (HSM).

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